FIG. 1

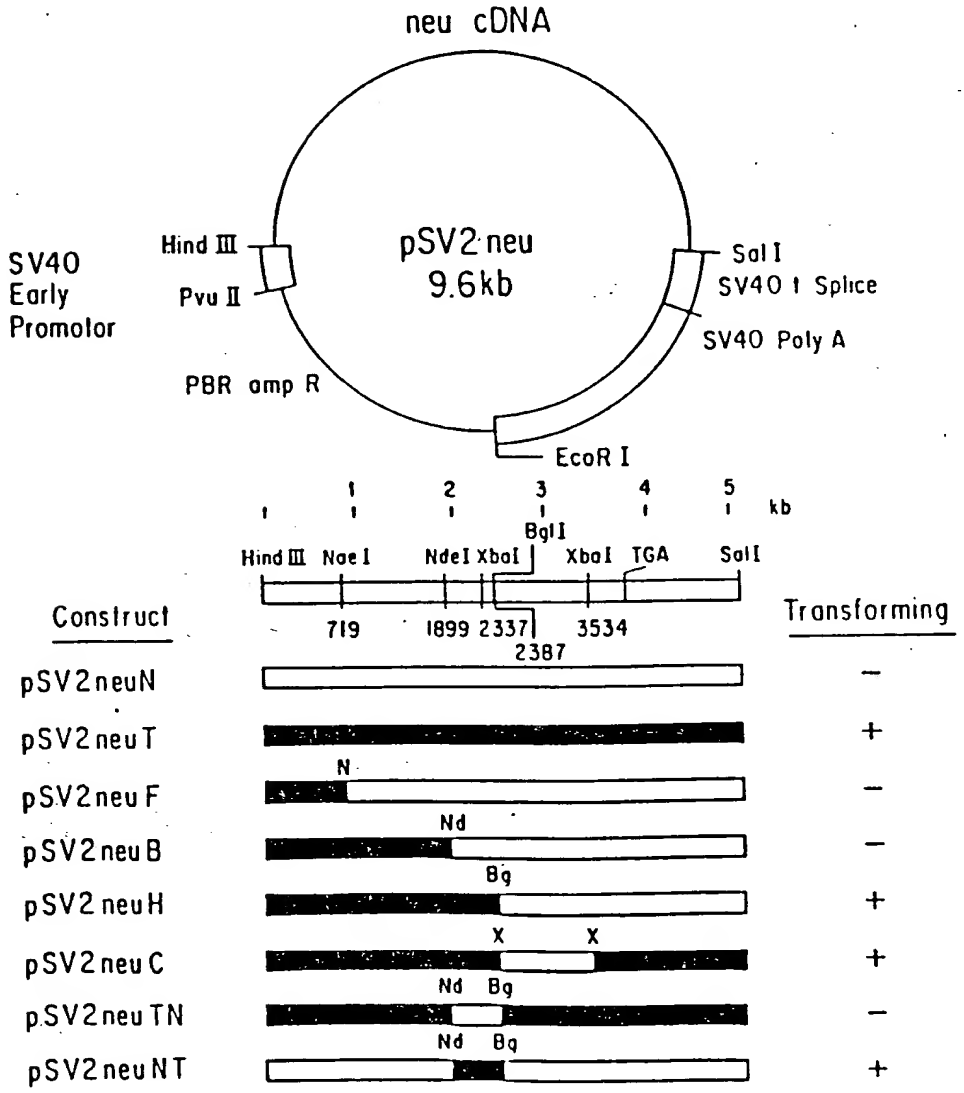

neu cDNA
pSV2 neu
9.6kb
SV40
Early
Promotor
Hind III
Pvu II
PBR amp R
Sal I
SV40 t Splice
SV40 Poly A
EcoR I
1
2
3
4
5
kb
Bgl I
Hind III
Nae I
Nde I
Xba I
Xba I
TGA
Sal I
719
1899
2337
2387
3534
Construct
Transforming
pSV2 neu N
pSV2 neu T
pSV2 neu F
pSV2 neu B
pSV2 neu H
pSV2 neu C
pSV2 neu TN
pSV2 neu NT
N
Nd
Bg
X
X
Nd
Bg
Nd
Bg
–
+
–
–
+
+
–
+

FIG.2A

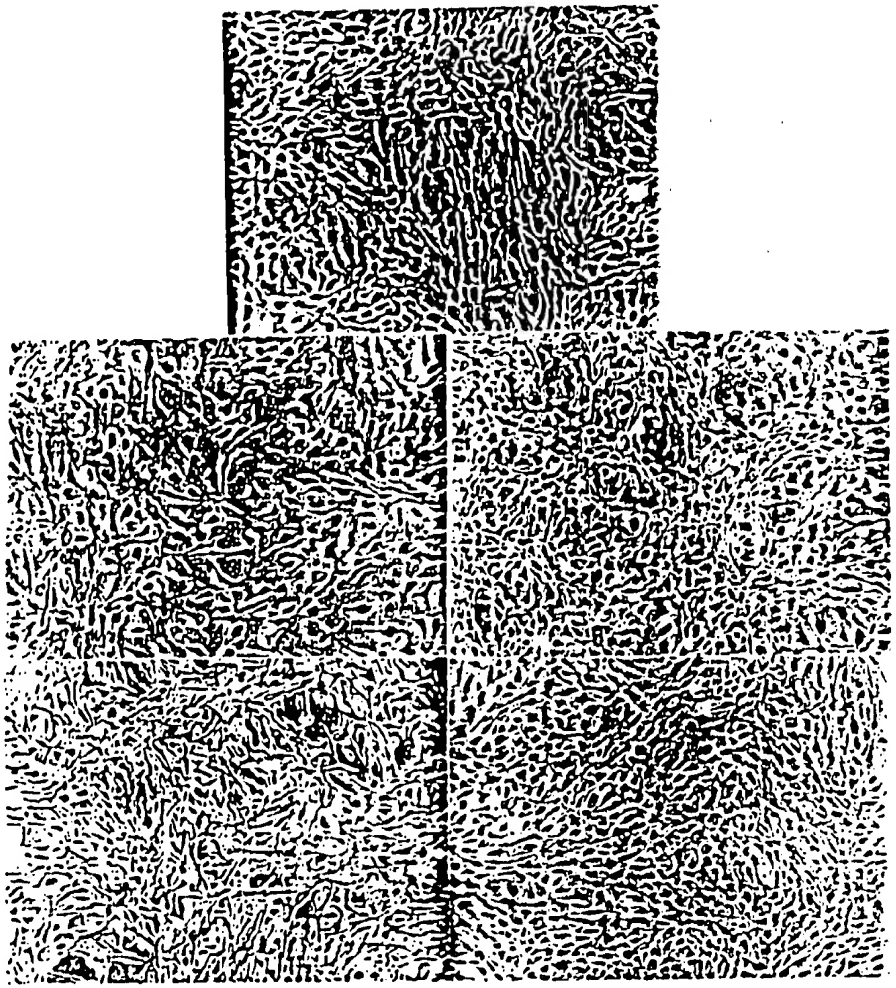


FIG.2B

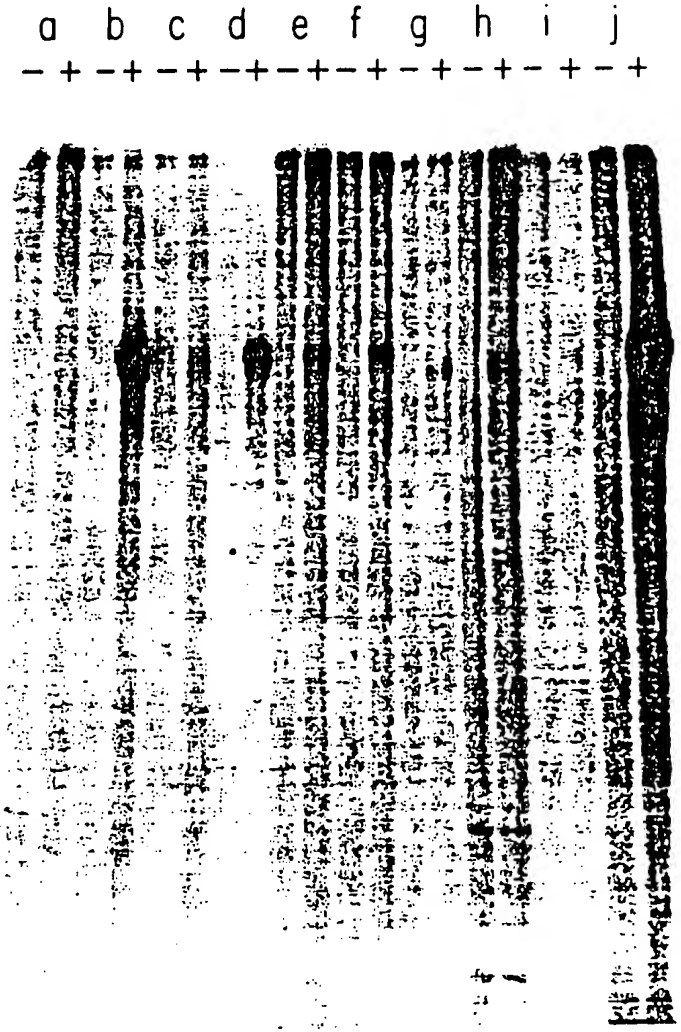


FIG.3

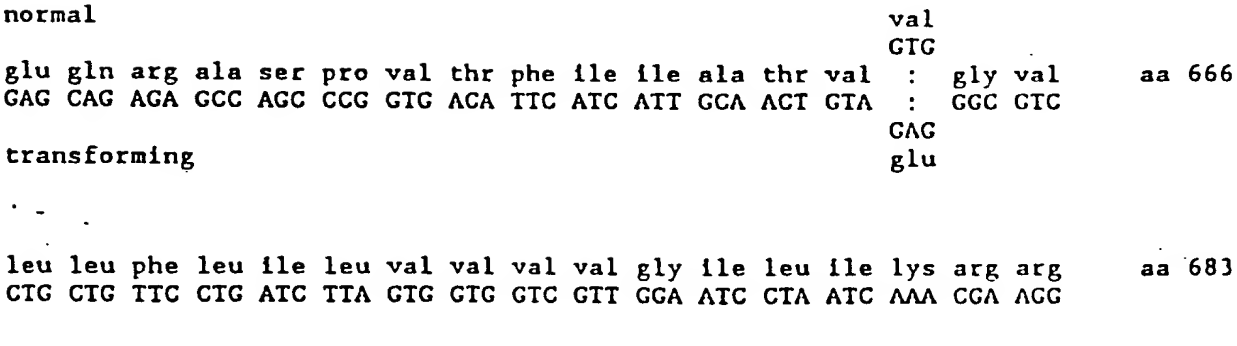

normal
val
GTG
glu gln arg ala ser pro val thr phe ile ile ala thr val : gly val aa 666
GAG CAG AGA GCC AGC CCG GTG ACA TTC ATC ATT GCA ACT GTA : GGC GTC
GAG
transforming
glu
leu leu phe leu ile leu val val val gly ile leu ile lys arg arg aa 683
CTG CTG TTC CTG ATC TTA GTG GTG GTC GTT GGA ATC CTA ATC AAA CGA AGG

FIG. 4

A)	ACGCCCACTACAGTTGCAAT	nucleotides 1999-2018, wild-type sequence
B)	ACGCCCTCTACAGTTGCAAT (* at position 12)	nucleotides 999-2018, T_{2012} to A
C)	CCGTCCTCAGCTGTGACC	nucleotides 996-1013, control probe
D)	ACGCCCCCTACAGTTGCAAT (* at position 12)	nucleotides 1999-2018, T_{2012} to G

FIG.5

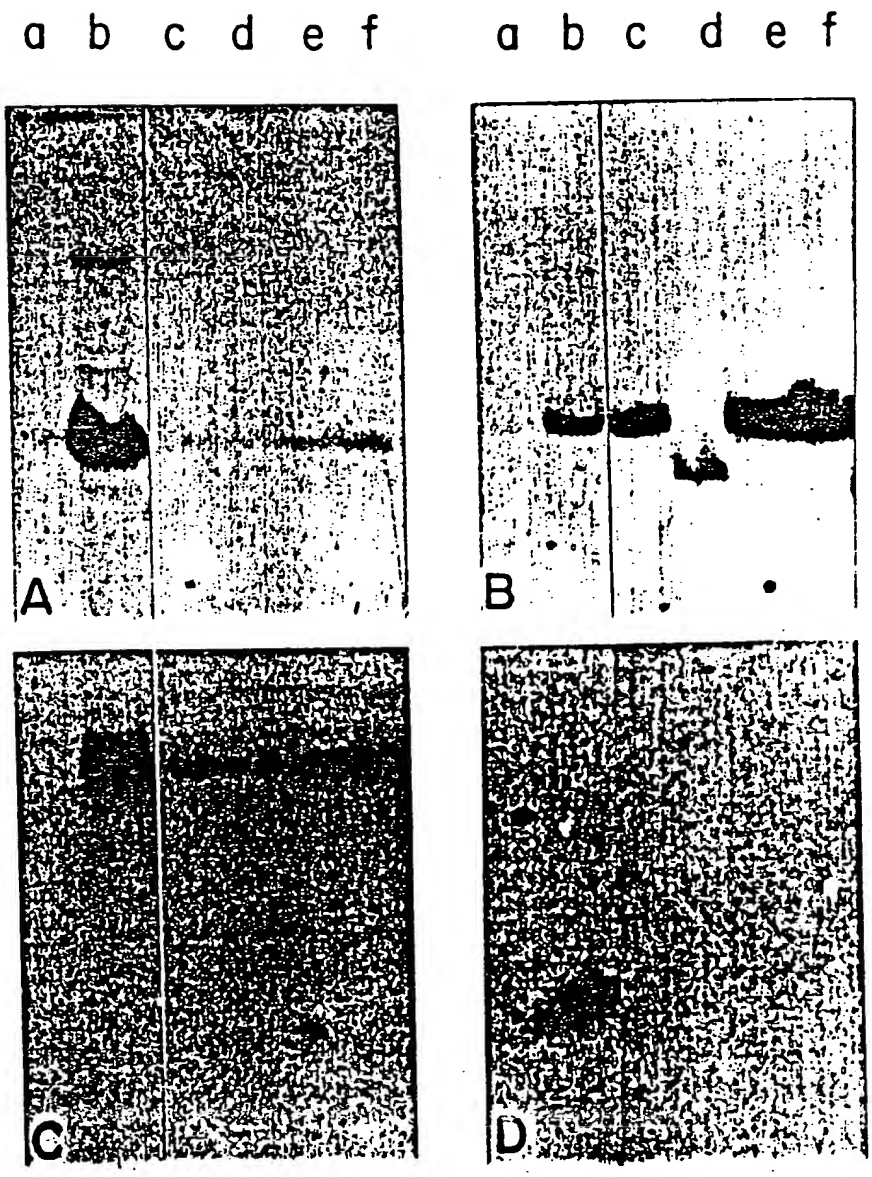


FIG. 6

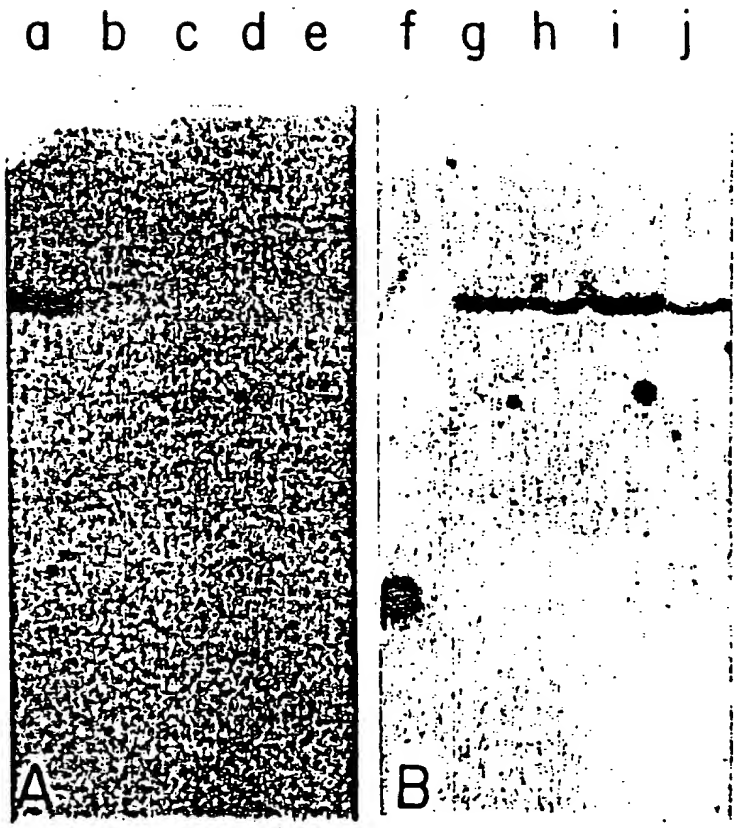
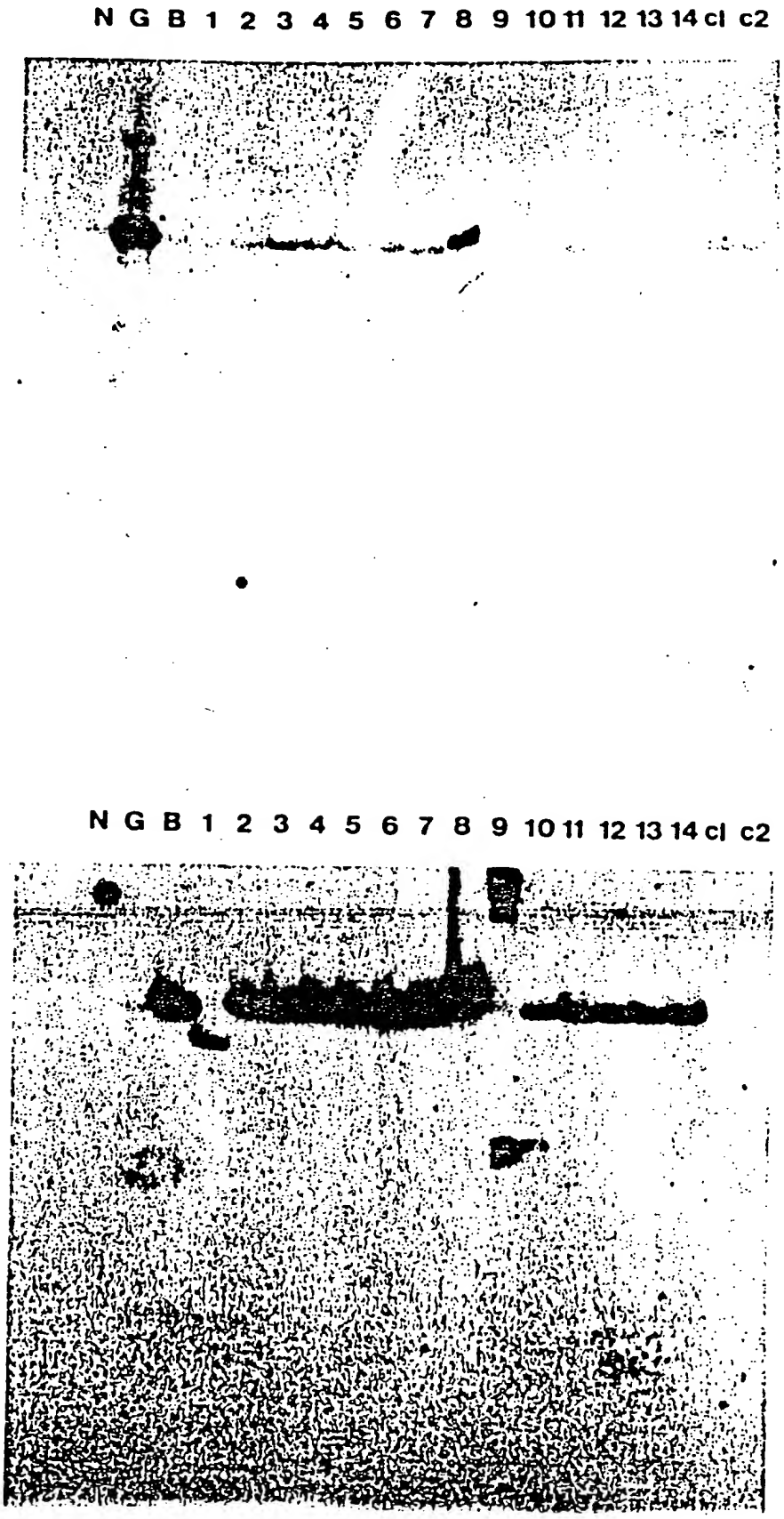


FIG.7


N G B 1 2 3 4 5 6 7 8 9 10 11 12 13 14 cl c2
N G B 1 2 3 4 5 6 7 8 9 10 11 12 13 14 cl c2

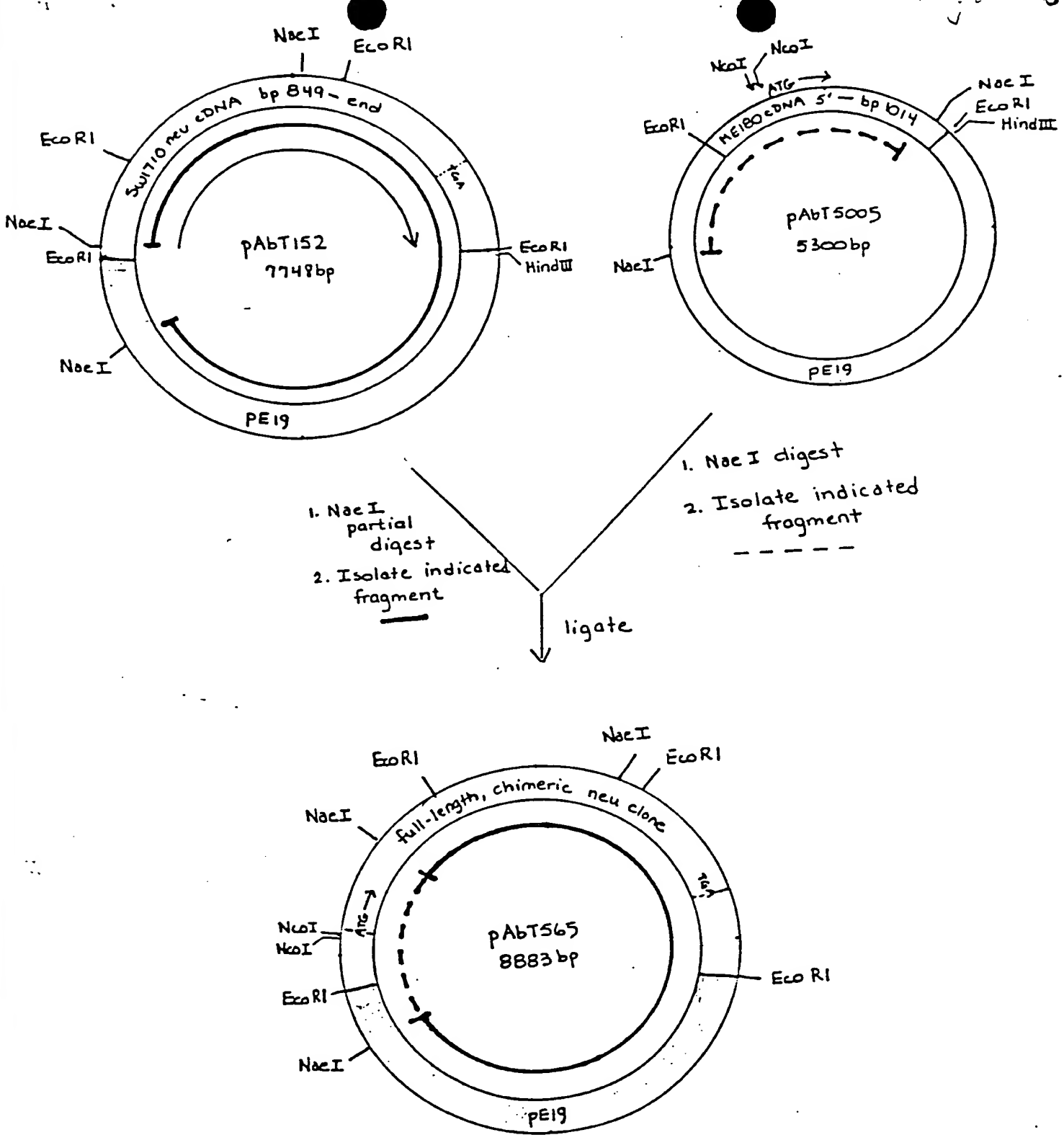


Fig 11. Construction of full length-neu cDNA clone from ME180 and SW1710 neu cDNAs

Construction of pMax neu and

Figure 9

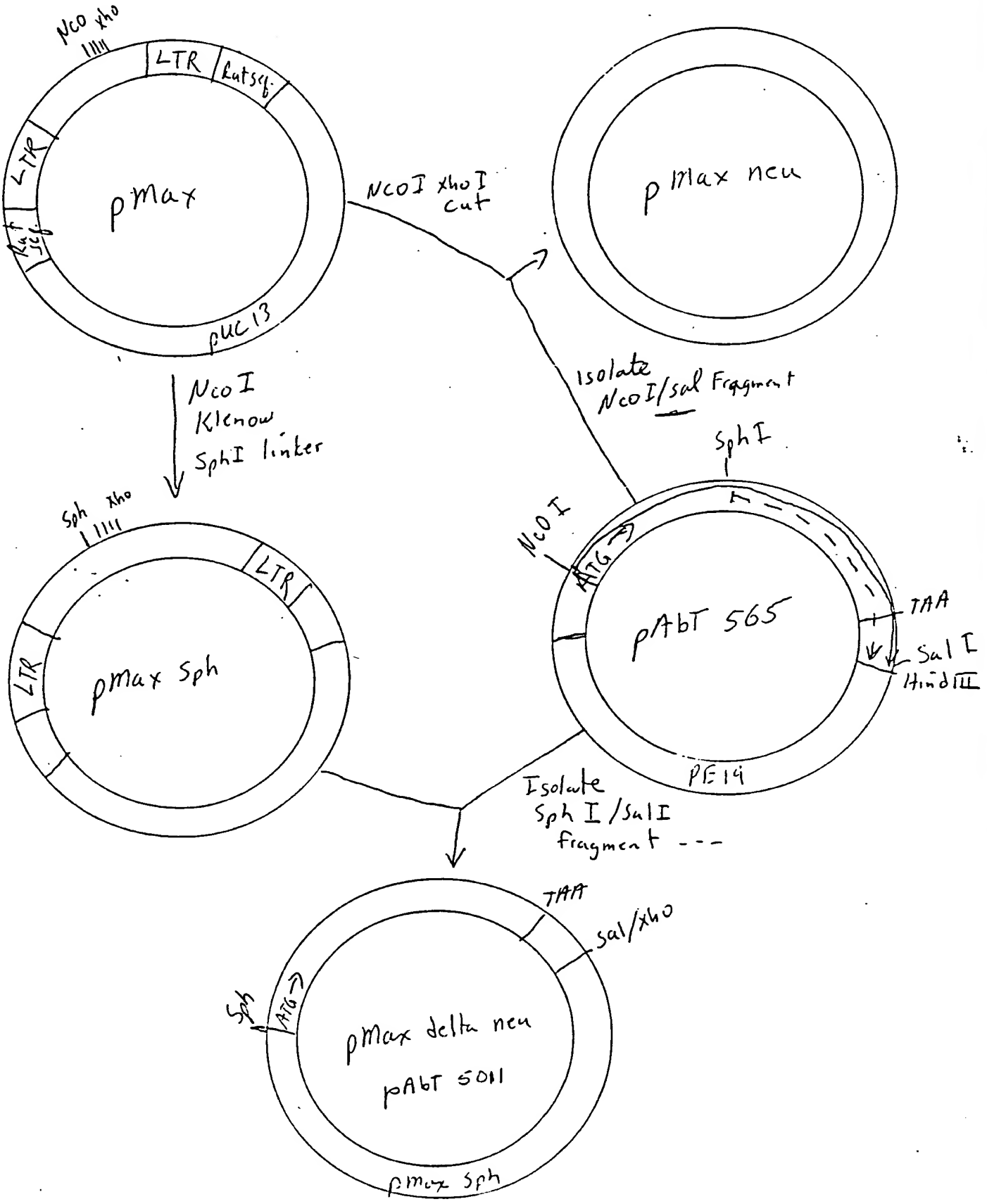


Figure 1A

Neu Oncogene Probe Design:

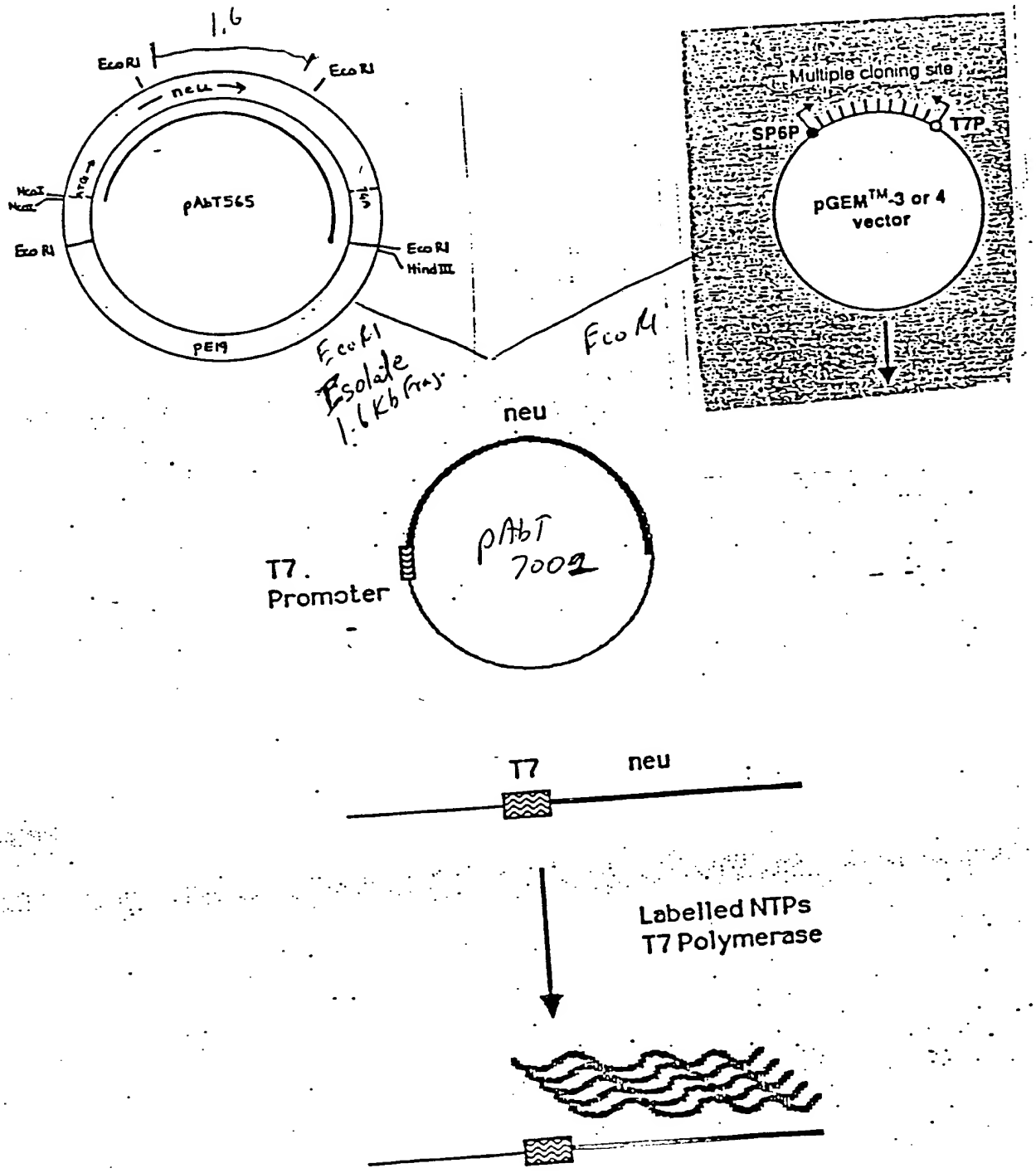
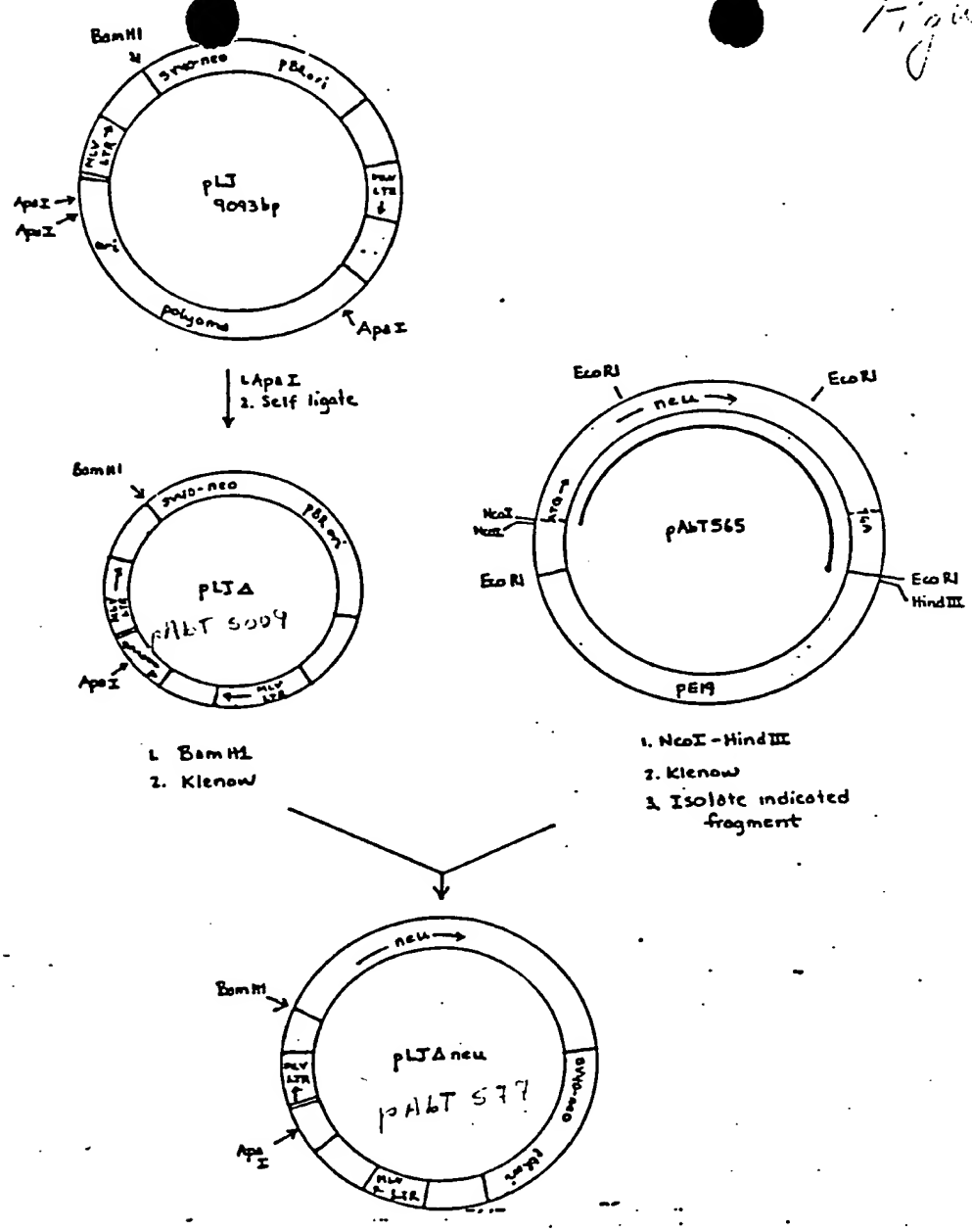


Figure 11



↓ Calcium phosphate transfection of 3T3 cells

G418^R cell Lines

↓ screen for high neu expression

18-3-7